

ITCT 2K2



Today (briefly):

- A bit of ITCT background
- Outline of ITCT 2K2 Field Study

ITCT

Intercontinental Transport and Chemical Transformation

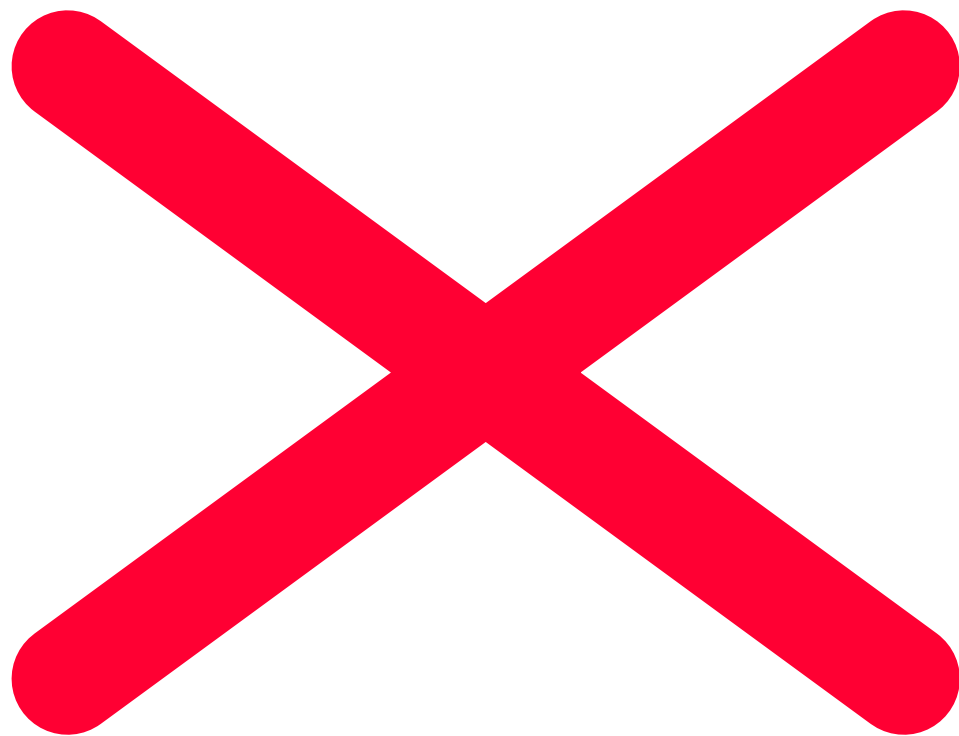


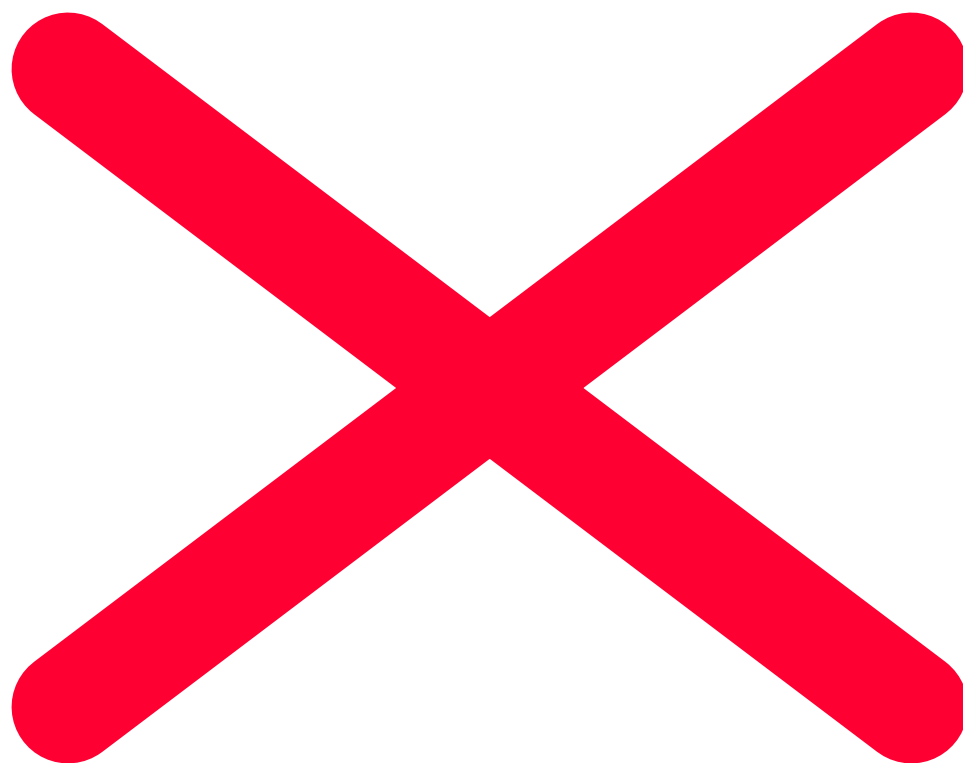
The International Global Atmospheric Chemistry (IGAC) project was established (1988) to investigate the impact of chemistry on global climate change. (*ozone and aerosols*)

ITCT has been accepted as an activity of IGAC. Combines NARE and APARE

ITCT was formulated with the recognition that climate change had regional as well as global dimensions and ozone and aerosols had air quality, as well as, climate change implications.

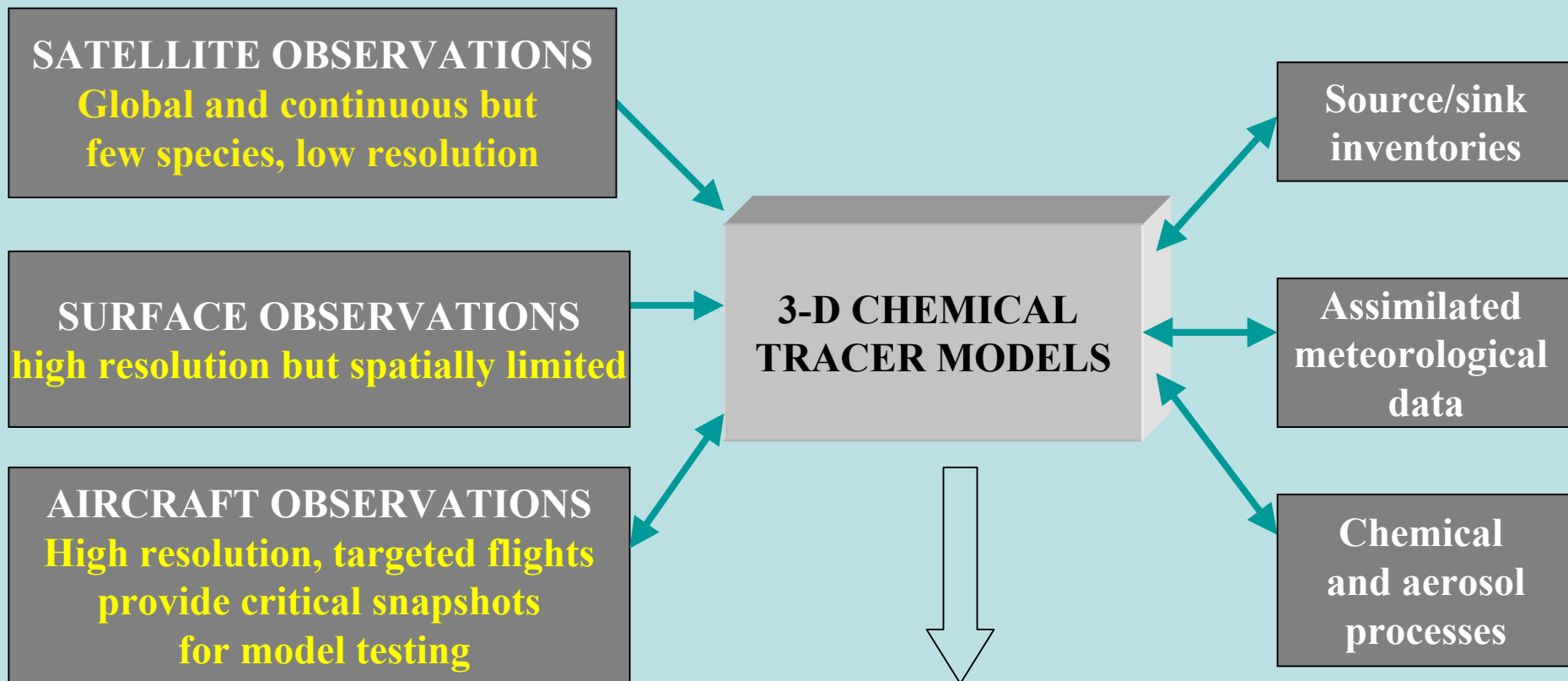
Science Plan Available



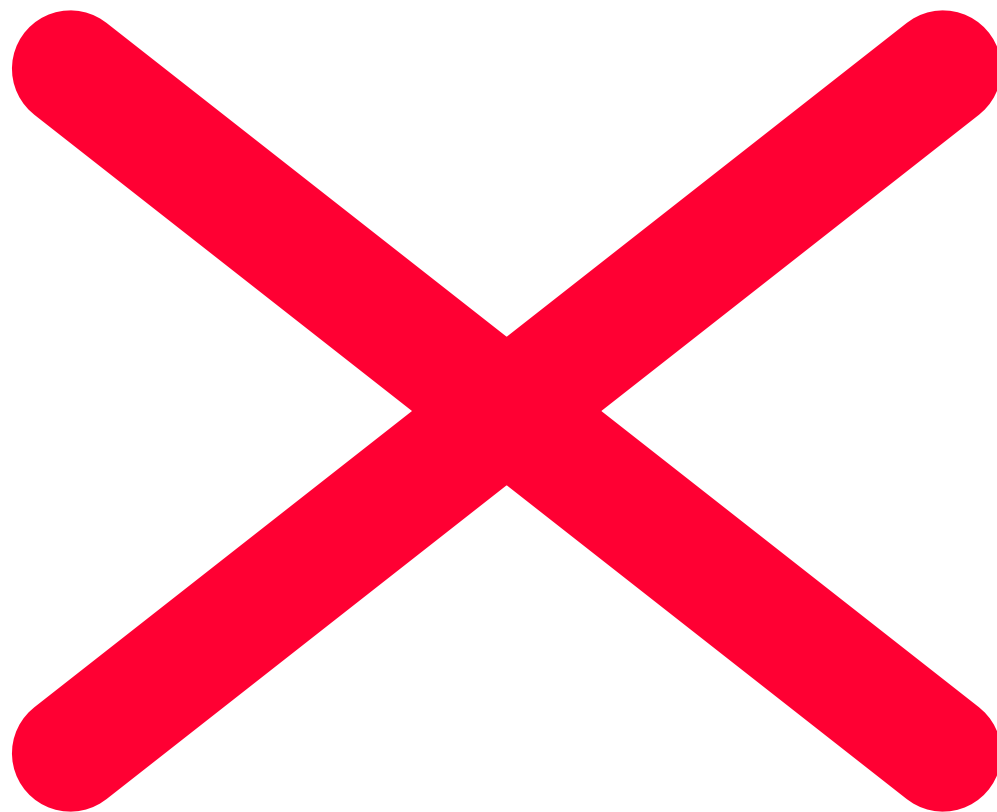


THE STRATEGY AND TOOLS

In order to quantify intercontinental transport and chemical transformation observations and models must be integrated.



INTERCONTINENTAL TRANSPORT:
CONCENTRATIONS AND FLUXES



QuickTime™ and a
Photo - JPEG decompressor
are needed to see this picture.

Trinidad Head, California
Advanced GAGE Site
CMDL Network Site
ITCT 2K2 Ground Site



PEACE-B Study

- Pacific Exploration of Asian Continental Emission (PEACE) mission.
- Conducted by the Earth Observation Research Center, National Space Development Agency of Japan (EORC/NASDA)
- Gulfstream-II aircraft instrumented by Yutaka Kondo's group.
- Dates: May 5 - May 18, 2002
- We will be investigating opportunities to coordinate ITCT 2K2 with PEACE-B